



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:  
Patricia Sarcabal *et al.*

Serial No.: 10/043,639

Filed: January 9, 2002

For: METHOD FOR PREPARING 1,3-  
PROPANEDIOL BY A RECOMBINANT  
MICRO-ORGANISM IN THE ABSENCE  
OF COENZYME B12 OR ONE OF ITS  
PRECURSORS

Group Art Unit: 1652

Examiner: Fronda, Christian L.

Atty. Dkt. No.: CHEP:004US

CERTIFICATE OF MAILING  
37 C.F.R. § 1.8

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Michael R. Krawczeneck

**AMENDMENT AND RESPONSE TO NOTICE TO COMPLY WITH  
REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING  
NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE  
DISCLOSURES DATED NOVEMBER 23, 2004**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Commissioner:

This paper is submitted in response to the Notice to Comply with Requirements for  
Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures  
dated November 23, 2004, for which the date for response is December 23, 2004.

Amendments to the specification begin on page 3 of this paper.

Remarks begin on page 5 of this paper.